

REMARKS

Claims 1-3, 5 and 9-19 are pending. The amendment to claim 1 deletes subject matter only and the amendment to claim 12 is supported by claim 1. No new matter is added.

Claims 1-3, 5, 9-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Okumura et al (US20020055030A1) in view of Butler (US6251308B1), Hirai et al (US 20020132118A1). (Office Action, page 2)

Claim 1 has been amended by eliminating the second reaction product of component (C). The first reaction product of (C), obtained by reacting a polyetherpolyol having an aromatic cyclic structural unit and/or an aliphatic cyclic structural unit with a (meth)acrylic acid, is not disclosed in the references individually or taught by their combination, as will be explained below.

Okumura does not disclose the claimed (meth)acrylate. Okumura basically discloses urethane (meth)acrylate [0046], polyester (meth)acrylate [0051], epoxy (meth)acrylate [0020] and esters of unsaturated carboxylic acids [0060]. Nowhere is there disclosed (meth) acrylate obtained by reacting a polyetherpolyol having an aromatic cyclic structural unit and/or an aliphatic cyclic structural unit with a (meth)acrylic acid.

Butler does not at all disclose component (B) and reaction product (C) as explained in the December 23, 2009 response.

Hirai also discloses photocurable resin compositions which can include urethane (meth)acrylate [0003], [0016], [0026]; hydroxyl group-containing (meth)acrylate compound used for the preparation of the urethane (meth)acrylate [0027]; monofunctional monomers of (meth)acrylate [0035]; and other urethane (meth)acrylates [0047]. Nowhere is there disclosed (meth) acrylate obtained by reacting a polyetherpolyol having an aromatic cyclic structural unit and/or an aliphatic cyclic structural unit with a (meth)acrylic acid.

Individually the references do not teach the claimed invention. Further, the references in combination do not suggest the invention now claimed because the reference suggest using polyols for making urethane (meth)acrylate as in [0051] of Hirai.

Thus, in light of this showing, it is respectfully requested that the rejection be reconsidered and withdrawn.

In view of the above amendment, applicant believes the pending application is in condition for allowance.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1105.

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Respectfully submitted,

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